

REMARKS:

The applicant has amended the specification, drawings and claims as suggested by the examining attorney, without adding any new matter. The applicant will address each of the objections and rejections of the Office Action in turn.

I. In the Specification

The Office Action noted that on page 10: line 2 from the bottom, "4" should be 6. The applicant has amended the specification, page 10, lines 18 through 21, to reflect the correction as indicated in the Office Action.

The Office Action noted that on page 14: line, 15, "11" (second occurrence) should be 4. The applicant has amended the specification, page 14, lines 14 through 21 to reflect the correction as indicated in the Office Action.

The Office Action noted that on page 15: line 3, that spiral groove "13" had not been illustrated. The spiral groove appears in the original drawing, but there was no indication marking the feature. The drawing has now been amended to include the indication of the spiral groove at "13."

The Office Action noted that on page 15: line 17, "11" should be replaced with 3. The applicant has amended the specification, page 15, lines 13 through 17 to reflect the correction as indicated in the Office Action.

The Office Action noted that on page 17: line 18, "be" should be deleted. The applicant has amended the specification, page 17, lines 16 through 20 to reflect the correction as indicated in the Office Action.

The amendments to the specification should now meet the requirements for allowance.

II. In the Drawing

The Office Action noted that the feature number "13" referred to in the specification for Figure 2 did not appear in the drawings. Fig. 2 is amended to indicate the spiral groove "13", as is shown in the replacement drawing sheet.

The amendment to the drawings should now meet the requirements for allowance.

III. In the Claims

Claims 1-12 were rejected in the office action under 35 USC § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter claimed.

The Office Action noted that claim 1 lines 4-6 were not understood, in particular due to the use of the word ring. In particular, the Office Action sought clarification of the claim as to where the guidance groove was formed. Applicant has amended claim 1 to clarify that there is a Twist up ring, and that the Twist up ring has at least one adjustment groove.

The Office Action noted that in claim 1 "the outer circumference" lacked an antecedent basis, and that there was not an antecedent basis for "the adjustment pins." The applicant amended claim 1 to clarify the claim of "[a] Twist Up Device comprising a support ring having an outer circumference and at least one Twist up adjustment pin that protrudes outward from the outer circumference. Applicant submits that the

amendment clarifies the antecedent basis for the outer circumference and the adjustment pin in claim 1.

The Office Action further noted that in claim 1 there was no antecedent basis for "said adjustment grooves" and "the Twist Up adjustment groove." Applicant has amended claim 1 to provide "[a] Twist Up Device comprising ... at least one Twist up ring having at least one adjustment groove." Applicant submits that the amendment clarifies the antecedent basis for the Twist up ring and the adjustment groove in claim 1.

Next, the Office Action noted that in claim 2 there was not an antecedent basis for "the outer circumference." Applicant has amended claim 2 to provide, "[a] Twist Up device comprising a support ring having an outer circumference...". Applicant submits that the amendment clarifies the antecedent basis for the outer circumference in claim 2.

The Office Action further noted in two places as to claim 2, and once as to the dependent claims 3, 5 and 6, that "said Twist Up ring" had no antecedent basis. Applicant has amended claim 2 to provide, "[a] A Twist Up device comprising ... a Twist Up ring" Applicant submits that the amendment clarifies the antecedent basis for the Twist Up ring in claims 2, 3, 5, and 6.

The Office Action noted that there was not an antecedent basis for "the Twist Up adjustment pins." Applicant has amended claim 2 to provide, "a support ring having an outer circumference and at least one Twist Up adjustment pin that protrudes toward outward from the outer circumference..." Applicant submits that the amendment clarifies an antecedent basis for at least one Twist Up adjustment pin.

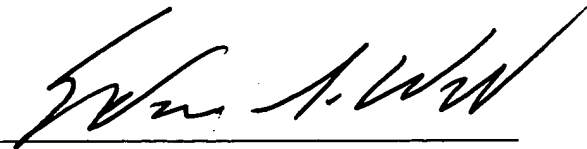
The Office Action noted in two places in claim 2, and in dependent claim 4, that there was not an antecedent basis for "the Twist Up adjustment grooves." The applicant has amended the claim to provide, " a Twist Up ring having at least one Twist Up adjustment groove." Applicant submits that the amendment clarifies an antecedent basis for the at least one Twist Up adjustment groove in claims 2 and 4.

As to Claim 3, the Office Action noted that the "the first opening" and "the second opening" have no antecedent basis. Applicant has amended claim 3 to provide, "The Twist Up device according to Claim 2, the Twist Up ring having a first opening and a second opening, the first and second openings being on opposing ends of the Twist Up ring." Applicant submits that the amendments to claim 3 provide an antecedent basis for the first and second openings.

IV Conclusion

Applicant has amended claims 1, 2, 3, and 4, to further clarify the invention claimed. Specifically, without adding new matter, applicant has amended the claims to provide the necessary antecedent basis for each of the elements. Applicant submits that the application as amended should be allowed.

Respectfully submitted this 20th day of December, 2004.


Edwin S. Wall, Attorney
Reg. No. 36,044



CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

Date of Deposit: December 20, 2004

I, Edwin S. Wall, hereby certify that on the 20th day of December, I deposited the RESPONSE TO OFFICE ACTION, attached hereto, with the United States Postal Service, with sufficient first class postage prepaid, addressed as follows:

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dated this 20th day of December, 2004.

Edwin S. Wall
Registered Patent Attorney

AMENDMENTS TO THE DRAWINGS:

Fig. 2 is amended to indicate the spiral groove "13", as is shown in the replacement sheet which